* 1. **And 6.3 Adding and Subtracting Fractions (like this!)**

Name:\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_

**Lesson Focus:** Mathletes will be able toadd and subtract fractions with like denominators and reduce the fraction to lowest terms. Mathletes will be able to display their knowledge of adding and subtracting fractions using models, diagrams, and addition statements.

**Power words:**

Numerator:

Denominator:

**EXPLORE THE MATH: ADDING FRACTIONS**

1. Use pattern blocks to show the number 1 in several different ways:
2. Use pattern blocks to show 1/3 + 1/3
3. Compare your answer above (showing 1/3 +1/3) to 0,1/2 and 1. What do you notice?
4. Estimate whether 1/3 +1/3 is closest to 1, ½ or 1
5. What is your answer to 1/3 + 1/3?

**REFLECT:**

1. How do models such as pattern blocks help us estimate sums?
2. How do models such as pattern blocks help us add fractions?

**EXPLORE THE MATH: SUBTRACTING FRACTIONS:**

1. Use two identical pattern blocks to represent 2/3
2. Remove a pattern block to show 2/3 – 1/3
3. Estimate whether 2/3 -1/3 is closest to 0,1/2 or 1
4. What is the answer to 2/3 – 1/3

**IT”S PATTERN TIME: “du nu nu nu, du nu, du nu”**

Let’s use models to add and subtract fractions (you can draw bars, circles, or use the pattern blocks). Then write your answers in *lowest terms.* Keep your eyes open for a “suspicious”pattern!

1. 1/6 + 1/6 =
2. 5/6 – 1/6 =
3. 2/6 + 3/6 =
4. 1/3 + 2/3 =
5. 6/6 – 2/6 =

Let’s leave the fractions models now…time for some challenge!!!!

Try this:

1. 1/6 + 3/ 6 + 4/ 6 =
2. 5/8+ 2/8 – 4/8 =
3. Alexis is running a race! She still has 5/8 of the race to go. If she runs 2/7 more of the race, will be half way through?
4. Last year Faith and McKailey didn’t like to eat sushi but they were good at making them. They gave 3/8 of the sushi to Elijah and they gave 2/8 of the sushi to Galen. What fraction of the sushi was left to give to Mrs. Hadland for their teacher evaluation?

**La la la lalalala!!!! Time to listen to Mrs. Kidd’s beautiful singing voice! She wrote a fractions song that will help you!!!!**

**Performance REVIEWS**

“She’s like a rock star… “(New York someTimes) “she should start charging for these performances she’s so good!” (Kidd magazine)

She sings so in tune... (Mr. Bowmanator)” “I can’t get her outta my mind…just wanna add and subtract fractions all day…” (The pizza man)

“Kidd has the voice of an angel” (Mrs. K’s mom) “wish I could sing like that one day” (Shaunna)

“a 10/10, truly a perfect performance…we should have her as a regular on our station to provide listeners with classic entertainment ” ( Red Deer radio station 3.14159 all day long)